

(19) World Intellectual Property  
Organization  
International Bureau



03 DEC 2004



(43) International Publication Date  
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number  
**WO 2003/103791 A3**

(51) International Patent Classification<sup>7</sup>: **A63H 1/00**

(21) International Application Number:  
PCT/GB2003/002418

(22) International Filing Date: 3 June 2003 (03.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0212919.5 5 June 2002 (05.06.2002) GB

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,  
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,  
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

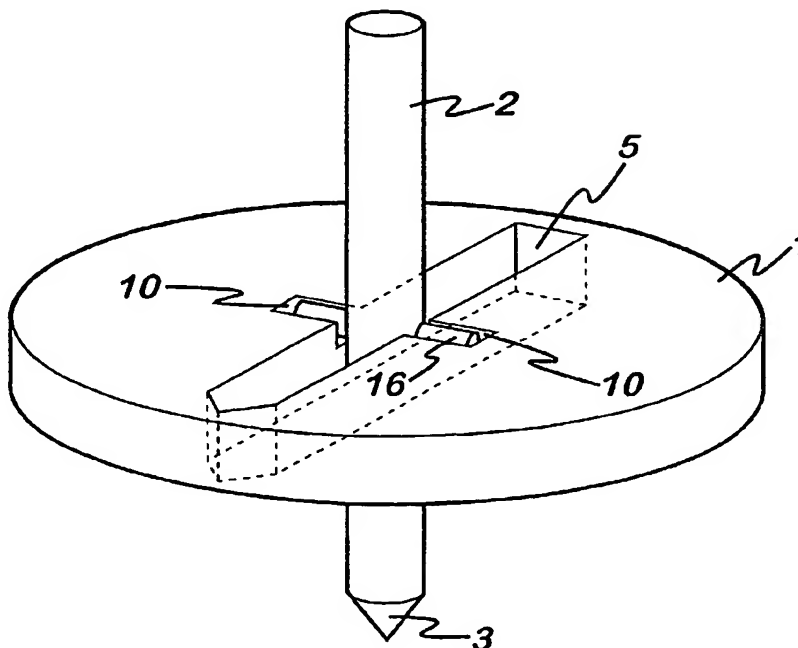
**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

(88) Date of publication of the international search report:  
3 June 2004

[Continued on next page]

(54) Title: SPINNING TOP



(57) Abstract: A spinning top has a body (1) and a stem (2), whereby the stem (2) is movable between a first position in which it lies substantially parallel to the body (1) and a second position in which it extends through an opening (5) formed in the body (1), in a direction generally perpendicular to the body (1). Preferably, when the stem (2) is in the first position it is carried on or in the body (1).

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## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB 03/02418

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A63H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                   | Relevant to claim No.   |
|------------|--|-------------------------|
| X          | DE 100 13 829 A (MEISTER & CO AG WOLLERAU)<br>4 October 2001 (2001-10-04)<br><br>paragraphs [0013] - [0018]; figures | 1-6,<br>8-11, 27,<br>28 |
| X          | DE 295 15 347 U (BUEKER ULRICH)<br>30 November 1995 (1995-11-30)<br>claim 1; figures                                 | 1-7, 18,<br>19, 27, 28  |
| X          | US 4 954 116 A (RUBINO JOHN)<br>4 September 1990 (1990-09-04)<br>column 2, line 21 - line 53; figures                | 1-7, 27,<br>28          |
| X          | US 4 906 216 A (ABESHOUSE MATTHEW)<br>6 March 1990 (1990-03-06)<br>column 2, line 33 - line 50; figures              | 1-3, 6, 7,<br>27, 28    |
|            | -/-  |                         |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

11 September 2003

Date of mailing of the international search report

01.04.2004

Name and mailing address of the ISA

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP 03/02418

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| X  | DE 591 256 C (ALBERT FRIEDRICH)<br>18 January 1934 (1934-01-18)<br>claim 1; figure 1<br>-----                                 | 1,2,6,7,<br>27        |
| X  | DE 299 07 861 U (WERKHAUS DESIGN &<br>PRODUKTION G) 12 August 1999 (1999-08-12)<br>page 2, line 1 - line 30; figures<br>----- | 1,2,6,<br>19,27,28    |

# INTERNATIONAL SEARCH REPORT

In  al application No.  
PCT/GB 03/02418

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-11, 18, 19, 27, 28

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB 03/02418

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-11,18,19,27,28

Spinning top with movable stem  
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2. claims: 1,12-16,27,28

spinning top with movable stem and an outer element  
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3. claims: 1,20-28

spinning top with movable stem where the stem has a certain profile  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/02418

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| DE 10013829                               | A | 04-10-2001          | DE 10013829 A1             | 04-10-2001          |
| DE 29515347                               | U | 30-11-1995          | DE 29515347 U1             | 30-11-1995          |
| US 4954116                                | A | 04-09-1990          | NONE                       |                     |
| US 4906216                                | A | 06-03-1990          | NONE                       |                     |
| DE 591256                                 | C | 18-01-1934          | NONE                       |                     |
| DE 29907861                               | U | 12-08-1999          | DE 29907861 U1             | 12-08-1999          |
|   |   |                     | EP 0974383 A1              | 26-01-2000          |
|   |   |                     | JP 2000153077 A            | 06-06-2000          |
|   |   |                     | US 6196892 B1              | 06-03-2001          |